EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2033	435/297.2.ccls. or 435/297.5.ccls. or 435/305.3.ccls. or 435/289.1.ccls. or 435/297.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 10:20
L2	365	435/297.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/02 10:21
L3	92	435/283.1-309.1.ccls. and microfluidic and (cell with cultur$4) and ((pH or gas or oxygen) with control$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:57
L4	121	(rodgers.in. or zarzur.in.) and pH and oxygen and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:58
L5	19	((seth.in. and rodgers.in.) or zarzur.in.) and pH and oxygen and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:58

| S1 | 159 | "5004685".pn. or "5051237".pn. or "5430542".pn. or "5478751".pn. or "5744366".pn. or "6090251".pn. or "6176962".pn. or "6184029".pn. or "6387651".pn. or "6461812".pn. or "6461861".pn. or "6534013".pn. or "6552784".pn. or "6555067".pn. or "6645432".pn. or "6648015".pn. or "6699665".pn. or "6734436".pn. or "6743633".pn. or "6761962".pn. or "6790652".pn. or "6811752".pn. or "6818436".pn. or "6848462".pn. or "6849463".pn. or "6884580".pn. or "6919046".pn. or "6937330".pn. or "6949377".pn. or "6981522".pn. or "6994749".pn. or "7026124".pn. or "7028536".pn. or "7033474".pn. or "7052880".pn. or "20020177159" or "20030138819" or "20030175947" or "20050026134" or "20050026273" or "20050032204" or "20050106714" or "20050255003" or "20050266582" or "20050271560" or "20050277187" or "20050287673" or "20060019333" or "4756884".pn. or "4952373".pn. or "5219762".pn. or "5580523".pn. or "5800778".pn. or "5800785".pn. or "5916812".pn. or "6148968".pn. or "6245295".pn. or "6251343".pn. or "6277629".pn. or "6418968".pn. or "6569674".pn. or "6756019".pn. or "6821772".pn. or "6837926".pn. or "6878755".pn. or "20020055166" or "20040132166" or "20050047967" or "20050089993" or "4038151".pn. or "4116775".pn. or "4118280".pn. or "4318994".pn. or "5858770".pn. or "6632656".pn. or "6770434".pn. or "6837927".pn. or "6857449".pn. or "20030022203" or "20030082632" or "20040029213" or "20040058408" or "20040077075" or "20050014129" or "20050019902" or "20050028587" or "20050037471" or "4720462".pn. or "4839292".pn. or "5252294".pn. or "5278048".pn. or "5387329".pn. or "5424209".pn. or "5436129".pn. or "5449617".pn. or "5496697".pn. or "5534328".pn. or "5576211".pn. or "5580523".pn. or "5587128".pn. or "5595712".pn. or "5602028".pn. or "5612188".pn. or "5632957".pn. or "5639423".pn. or "5646039".pn. or "5674742".pn. or "5705018".pn. or "5840258".pn. or "5842787".pn. or "5846396".pn. | US-PGPUB; USPAT | OR | OFF | 2007/03/30 08:44 |

| S2 | 118 | "6368871".pn. or "6377721".pn. or "6410309".pn. or "6455310".pn. or "6479252".pn. or "6479299".pn. or "6488895".pn. or "6488897".pn. or "6494230".pn. or "6494614".pn. or "6501654".pn. or "6509085".pn. or "6517234".pn. or "6537799".pn. or "654174".pn. or "6551841".pn. or "6555365".pn. or "6582576".pn. or "6592821".pn. or "6597438".pn. or "6599436".pn. or "6602714".pn. or "6607644".pn. or "6613581".pn. or "6616823".pn. or "6632400".pn. or "6642046".pn. or "6653124".pn. or "6662818".pn. or "6703205".pn. or "6716588".pn. or "6716620".pn. or "6716629".pn. or "6742661".pn. or "6806543".pn. or "6827095".pn. or "20010051338" or "20010052460" or "20020005354" or "20020068358" or "20020072113" or "20020072116" or "20020029814" or "20020086439" or "20020092767" or "20020097633" or "20020100714" or "20020110905" or "20020117517" or "20020127591" or "20020142618" or "20020146817" or "20020168757" or "20020172621" or "20020182749" or "20020185183" or "20020187074" or "20020197603" or "20030005877" or "20030008308" or "20030008308" or "20030008388" or "20030011382" or "20030013203" or "20030015429" or "20030022153" or "20030022197" or "20030022269" or "20030022362" or "20030026740" or "20030027225" or "20030040104" or "20030041652" or "20030049174" or "20030049862" or "20030074983" or "20030077817" or "20030082795" or "20030104512" or "20030129665" or "20030134431" or "20030136552" or "20030142291" or "20030156995" or "20040002131" or "20040009539" or "20040029266" or "20040048360" or "20040053322" or "20040053403" or "20040058407" or "20040058437" or "20040067051" or "20040067166" or "20040067577" or "20040072278" or "20040107899" or "20040121454" | US-PGPUB; USPAT | OR | OFF | 2007/04/02 10:20 |

S3	1	"20040132166"	US-PGPUB; USPAT	OR	OFF	2007/03/30 08:51

| S4 | 159 | "5004685".pn. or "5051237".pn. or "5430542".pn. or "5478751".pn. or "5744366".pn. or "6090251".pn. or "6176962".pn. or "6184029".pn. or "6387651".pn. or "6461812".pn. or "6461861".pn. or "6534013".pn. or "6552784".pn. or "6555067".pn. or "6645432".pn. or "6648015".pn. or "6699665".pn. or "6734436".pn. or "6743633".pn. or "6761962".pn. or "6790652".pn. or "6811752".pn. or "6818436".pn. or "6848462".pn. or "6849463".pn. or "6884580".pn. or "6919046".pn. or "6937330".pn. or "6949377".pn. or "6981522".pn. or "6994749".pn. or "7026124".pn. or "7028536".pn. or "7033474".pn. or "7052880".pn. or "20020177159" or "20030138819" or "20030175947" or "20050026134" or "20050026273" or "20050032204" or "20050106714" or "20050255003" or "20050266582" or "20050271560" or "20050277187" or "20050287673" or "20060019333" or "4756884".pn. or "4952373".pn. or "5219762".pn. or "5580523".pn. or "5800778".pn. or "5800785".pn. or "5916812".pn. or "6148968".pn. or "6245295".pn. or "6251343".pn. or "6277629".pn. or "6418968".pn. or "6569674".pn. or "6756019".pn. or "6821772".pn. or "6837926".pn. or "6878755".pn. or "20020055166" or "20040132166" or "20050047967" or "20050089993" or "4038151".pn. or "4116775".pn. or "4118280".pn. or "4318994".pn. or "5858770".pn. or "6632656".pn. or "6770434".pn. or "6837927".pn. or "6857449".pn. or "20030022203" or "20030082632" or "20040029213" or "20040058408" or "20040077075" or "20050014129" or "20050019902" or "20050028587" or "20050037471" or "4720462".pn. or "4839292".pn. or "5252294".pn. or "5278048".pn. or "5387329".pn. or "5424209".pn. or "5436129".pn. or "5449617".pn. or "5496697".pn. or "5534328".pn. or "5576211".pn. or "5580523".pn. or "5587128".pn. or "5595712".pn. or "5602028".pn. or "5612188".pn. or "5632957".pn. or "5639423".pn. or "5646039".pn. or "5674742".pn. or "5705018".pn. or "5840258".pn. or "5842787".pn. or "5846396".pn. | US-PGPUB; USPAT | OR | OFF | 2007/03/30 13:29 |

| S5 | 118 | "6368871".pn. or "6377721".pn. or "6410309".pn. or "6455310".pn. or "6479252".pn. or "6479299".pn. or "6488895".pn. or "6488897".pn. or "6494230".pn. or "6494614".pn. or "6501654".pn. or "6509085".pn. or "6517234".pn. or "6537799".pn. or "654174".pn. or "6551841".pn. or "6555365".pn. or "6582576".pn. or "6592821".pn. or "6597438".pn. or "6599436".pn. or "6602714".pn. or "6607644".pn. or "6613581".pn. or "6616823".pn. or "6632400".pn. or "6642046".pn. or "6653124".pn. or "6662818".pn. or "6703205".pn. or "6716588".pn. or "6716620".pn. or "6716629".pn. or "6742661".pn. or "6806543".pn. or "6827095".pn. or "20010051338" or "20010052460" or "20020005354" or "20020068358" or "20020072113" or "20020072116" or "20020029814" or "20020086439" or "20020092767" or "20020097633" or "20020100714" or "20020110905" or "20020117517" or "20020127591" or "20020142618" or "20020146817" or "20020168757" or "20020172621" or "20020182749" or "20020185183" or "20020187074" or "20020197603" or "20030005877" or "20030008308" or "20030008308" or "20030008388" or "20030011382" or "20030013203" or "20030015429" or "20030022153" or "20030022197" or "20030022269" or "20030022362" or "20030026740" or "20030027225" or "20030040104" or "20030041652" or "20030049174" or "20030049862" or "20030074983" or "20030077817" or "20030082795" or "20030104512" or "20030129665" or "20030134431" or "20030136552" or "20030142291" or "20030156995" or "20040002131" or "20040009539" or "20040029266" or "20040048360" or "20040053322" or "20040053403" or "20040058407" or "20040058437" or "20040067051" or "20040067166" or "20040067577" or "20040072278" or "20040197899" or "20040121454" | US-PGPUB; USPAT | OR | OFF | 2007/03/30 13:29 |

EAST Search History

S6	276	S4 or S5	US-PGPUB; USPAT	OR	OFF	2007/03/30 14:15
S7	3	"2004058408" or "6653124".pn. or "6143247".pn. or "6043080".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/30 14:16
S8	4	"20040058408" or "6653124".pn. or "6143247".pn. or "6043080".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/02 07:35
S9	11	sheppard.in. and microchannel and valve and cell	US-PGPUB; USPAT	OR	ON	2007/03/30 14:19
S11	5	"20040058408" or "6653124".pn. or "6143247".pn. or "6043080".pn. or "20040077075"	US-PGPUB; USPAT	OR	OFF	2007/04/02 08:21
S12	4	S11 and (array with (dna or rna or antibod$3 or protein or nucleic))	US-PGPUB; USPAT	OR	ON	2007/04/02 09:42
S13	3	S11 and (copolymer or (co adj polymer))	US-PGPUB; USPAT	OR	ON	2007/04/02 08:47

| S14 | 159 | "5004685".pn. or "5051237".pn. or "5430542".pn. or "5478751".pn. or "5744366".pn. or "6090251".pn. or "6176962".pn. or "6184029".pn. or "6387651".pn. or "6461812".pn. or "6461861".pn. or "6534013".pn. or "6552784".pn. or "6555067".pn. or "6645432".pn. or "6648015".pn. or "6699665".pn. or "6734436".pn. or "6743633".pn. or "6761962".pn. or "6790652".pn. or "6811752".pn. or "6818436".pn. or "6848462".pn. or "6849463".pn. or "6884580".pn. or "6919046".pn. or "6937330".pn. or "6949377".pn. or "6981522".pn. or "6994749".pn. or "7026124".pn. or "7028536".pn. or "7033474".pn. or "7052880".pn. or "20020177159" or "20030138819" or "20030175947" or "20050026134" or "20050026273" or "20050032204" or "20050106714" or "20050255003" or "20050266582" or "20050271560" or "20050277187" or "20050287673" or "20060019333" or "4756884".pn. or "4952373".pn. or "5219762".pn. or "5580523".pn. or "5800778".pn. or "5800785".pn. or "5916812".pn. or "6148968".pn. or "6245295".pn. or "6251343".pn. or "6277629".pn. or "6418968".pn. or "6569674".pn. or "6756019".pn. or "6821772".pn. or "6837926".pn. or "6878755".pn. or "20020055166" or "20040132166" or "20050047967" or "20050089993" or "4038151".pn. or "4116775".pn. or "4118280".pn. or "4318994".pn. or "5858770".pn. or "6632656".pn. or "6770434".pn. or "6837927".pn. or "6857449".pn. or "20030022203" or "20030082632" or "20040029213" or "20040058408" or "20040077075" or "20050014129" or "20050019902" or "20050028587" or "20050037471" or "4720462".pn. or "4839292".pn. or "5252294".pn. or "5278048".pn. or "5387329".pn. or "5424209".pn. or "5436129".pn. or "5449617".pn. or "5496697".pn. or "5534328".pn. or "5576211".pn. or "5580523".pn. or "5587128".pn. or "5595712".pn. or "5602028".pn. or "5612188".pn. or "5632957".pn. or "5639423".pn. or "5646039".pn. or "5674742".pn. or "5693467".pn. or "5700637".pn. or "5705018".pn. or "5840258".pn. or "5842787".pn. or "5846396".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/02 09:43 |

| S15 | 118 | "6368871".pn. or "6377721".pn. or "6410309".pn. or "6455310".pn. or "6479252".pn. or "6479299".pn. or "6488895".pn. or "6488897".pn. or "6494230".pn. or "6494614".pn. or "6501654".pn. or "6509085".pn. or "6517234".pn. or "6537799".pn. or "654174".pn. or "6551841".pn. or "6555365".pn. or "6582576".pn. or "6592821".pn. or "6597438".pn. or "6599436".pn. or "6602714".pn. or "6607644".pn. or "6613581".pn. or "6616823".pn. or "6632400".pn. or "6642046".pn. or "6653124".pn. or "6662818".pn. or "6703205".pn. or "6716588".pn. or "6716620".pn. or "6716629".pn. or "6742661".pn. or "6806543".pn. or "6827095".pn. or "20010051338" or "20010052460" or "20020005354" or "20020068358" or "20020072113" or "20020072116" or "20020029814" or "20020086439" or "20020092767" or "20020097633" or "20020100714" or "20020110905" or "20020117517" or "20020127591" or "20020142618" or "20020146817" or "20020168757" or "20020172621" or "20020182749" or "20020185183" or "20020187074" or "20020197603" or "20030005877" or "20030008308" or "20030008308" or "20030008388" or "20030011382" or "20030013203" or "20030015429" or "20030022153" or "20030022197" or "20030022269" or "20030022362" or "20030026740" or "20030027225" or "20030040104" or "20030041652" or "20030049174" or "20030049862" or "20030074983" or "20030077817" or "20030082795" or "20030104512" or "20030129665" or "20030134431" or "20030136552" or "20030142291" or "20030156995" or "20040002131" or "20040009539" or "20040029266" or "20040048360" or "20040053322" or "20040053403" or "20040058407" or "20040058437" or "20040067051" or "20040067166" or "20040067577" or "20040072278" or "20040072899" or "20040121454" | US-PGPUB; USPAT | OR | OFF | 2007/04/02 09:43 |

EAST Search History

S16	276	S14 or S15	US-PGPUB; USPAT	OR	OFF	2007/04/02 09:43
S17	67	S16 and ((pH or oxygen or gas or temperature) with (sens$4 or detect$4) with control$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 09:49
S18	221	microfluidic and (cell with cultur$4) and ((pH or oxygen or gas or temperature) with (sens$4 or detect$4) with control$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:11
S19	204	S18 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 09:50
S20	90	S18 and 435/283.1-309.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 09:55
S21	25	zarur.in. and (cell with cultur$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 09:55
S22	171	microfluidic and (cell with cultur$4) and ((pH or oxygen or gas or concentration) with (sens$4 or detect$4) with control$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:12
S23	52	S22 and 435/283.1-309.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:16
S24	2	"4812392".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:16